Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061625\
Data File : BP024957.D
Acq On : 16 Jun 2025 12:14
Operator : RC/JU
Sample : PB168462BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB168462BS

Quant Time: Jun 16 12:44:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 16:20:27 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.608	152	327344	20.000	ng		0.00
21) Naphthalene-d8	10.378	136	1406524	20.000	ng		0.00
39) Acenaphthene-d10	14.260	164	932928	20.000	ng		0.01
64) Phenanthrene-d10	17.060	188	1797221	20.000	ng		0.00
76) Chrysene-d12	21.489	240	1344618	20.000	ng		0.00
86) Perylene-d12	24.760	264	1361847	20.000	ng		0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.243	112	3073564	156.728	ng		0.00
7) Phenol-d6	6.825	99	3991375	153.827	ng		0.01
23) Nitrobenzene-d5	8.766	82	2387550	82.486	ng		0.00
42) 2,4,6-Tribromophenol	15.784	330	1923006	149.091	ng		0.00
45) 2-Fluorobiphenyl	12.860	172	5707446	82.414	ng		0.00
79) Terphenyl-d14	19.789	244	7939612	105.827	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.167	88	297084	34.429	ng		99
3) Pyridine	3.561	79	793502	38.238	ng		99
4) n-Nitrosodimethylamine	3.478	42	365611	43.095	ng		95
6) Aniline	6.955	93	1280576	38.673	ng		99
8) 2-Chlorophenol	7.190	128	1172764	52.752	ng		100
9) Benzaldehyde	6.766	77	741300	49.566	ng		98
10) Phenol	6.849	94	1421109	53.128	ng		98
11) bis(2-Chloroethyl)ether	7.043	93	1008050	47.915	ng		99
12) 1,3-Dichlorobenzene	7.496	146	1135138	45.770	ng		99
13) 1,4-Dichlorobenzene	7.643	146	1146545	45.818	ng		100
14) 1,2-Dichlorobenzene	7.955	146	1109835	45.165	ng		99
15) Benzyl Alcohol	7.861	79	1026407	51.543	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.131	45	1266872	46.008	ng		98
17) 2-Methylphenol	8.078	107	985692	52.770	ng		99
18) Hexachloroethane	8.666	117	422885	44.886	ng		99
19) n-Nitroso-di-n-propyla...	8.419	70	815074	46.208	ng		99
20) 3+4-Methylphenols	8.402	107	1326575	52.055	ng		97
22) Acetophenone	8.431	105	1610106	45.309	ng	#	99
24) Nitrobenzene	8.808	77	1185230	46.092	ng		98
25) Isophorone	9.325	82	2309694	46.042	ng		100
26) 2-Nitrophenol	9.507	139	639389	50.395	ng		98
27) 2,4-Dimethylphenol	9.578	122	1117861	51.481	ng		98
28) bis(2-Chloroethoxy)met...	9.796	93	1429890	47.784	ng		98
29) 2,4-Dichlorophenol	10.055	162	1121807	53.843	ng		99
30) 1,2,4-Trichlorobenzene	10.243	180	1063532	45.258	ng		99
31) Naphthalene	10.431	128	3295176	45.716	ng		100
32) Benzoic acid	9.802	122	803521	54.760	ng		99
33) 4-Chloroaniline	10.554	127	916796	30.359	ng		99
34) Hexachlorobutadiene	10.707	225	655764	46.300	ng		100
35) Caprolactam	11.366	113	381984m	49.807	ng		
36) 4-Chloro-3-methylphenol	11.707	107	1258232	52.358	ng		99
37) 2-Methylnaphthalene	12.049	142	2165387	47.360	ng		99
38) 1-Methylnaphthalene	12.272	142	2290204	46.852	ng		100
40) 1,2,4,5-Tetrachloroben...	12.425	216	1215575	45.919	ng		99
41) Hexachlorocyclopentadiene	12.396	237	1442725	89.353	ng		99
43) 2,4,6-Trichlorophenol	12.684	196	905119	50.913	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.772	196	1001195	52.586	ng		99
46) 1,1'-Biphenyl	13.072	154	3181101	46.920	ng		99
47) 2-Chloronaphthalene	13.119	162	2437258	46.773	ng		99
48) 2-Nitroaniline	13.337	65	780023	48.691	ng		99
49) Acenaphthylene	13.978	152	4036068	46.454	ng		100
50) Dimethylphthalate	13.713	163	3245281	47.156	ng		100
51) 2,6-Dinitrotoluene	13.837	165	727312	49.023	ng		99
52) Acenaphthene	14.319	154	2310916	46.416	ng		99
53) 3-Nitroaniline	14.184	138	500646	32.517	ng		96
54) 2,4-Dinitrophenol	14.401	184	936821	95.791	ng		98
55) Dibenzofuran	14.660	168	3659229	45.788	ng		99
56) 4-Nitrophenol	14.543	139	1084311	82.972	ng		98
57) 2,4-Dinitrotoluene	14.648	165	1010420	48.687	ng		97
58) Fluorene	15.319	166	3023924	46.840	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.913	232	832225	48.923	ng		99
60) Diethylphthalate	15.095	149	3306465	48.208	ng		99
61) 4-Chlorophenyl-phenyle...	15.307	204	1504292	47.655	ng		99
62) 4-Nitroaniline	15.372	138	692666	49.617	ng		91
63) Azobenzene	15.613	77	2966292	47.156	ng		97
65) 4,6-Dinitro-2-methylph...	15.437	198	593989	50.298	ng		99
66) n-Nitrosodiphenylamine	15.537	169	2636477	47.329	ng		99
67) 4-Bromophenyl-phenylether	16.225	248	996999	49.165	ng		98
68) Hexachlorobenzene	16.348	284	1191608	48.472	ng		99
69) Atrazine	16.525	200	957537	47.416	ng		99
70) Pentachlorophenol	16.713	266	1420523	111.649	ng		99
71) Phenanthrene	17.101	178	4549778	45.811	ng		99
72) Anthracene	17.195	178	4663413	46.363	ng		99
73) Carbazole	17.484	167	4250028	45.585	ng		100
74) Di-n-butylphthalate	18.066	149	5294032	45.830	ng		100
75) Fluoranthene	19.195	202	4871662	42.321	ng		100
77) Benzidine	19.389	184	2352552	56.491	ng		100
78) Pyrene	19.572	202	5010710	59.648	ng		100
80) Butylbenzylphthalate	20.519	149	1984107	51.564	ng		98
81) Benzo(a)anthracene	21.472	228	4129809	48.022	ng		100
82) 3,3'-Dichlorobenzidine	21.401	252	1093772	32.036	ng		98
83) Chrysene	21.542	228	3837971	47.099	ng		99
84) Bis(2-ethylhexyl)phtha...	21.407	149	2514861	45.617	ng		99
85) Di-n-octyl phthalate	22.642	149	4078405	41.971	ng		99
87) Indeno(1,2,3-cd)pyrene	28.483	276	5133853	51.667	ng	#	76
88) Benzo(b)fluoranthene	23.724	252	3768279	48.349	ng		99
89) Benzo(k)fluoranthene	23.801	252	3751595	47.288	ng		99
90) Benzo(a)pyrene	24.613	252	3662208	48.115	ng		99
91) Dibenzo(a,h)anthracene	28.548	278	4180856	51.693	ng		99
92) Benzo(g,h,i)perylene	29.636	276	4180845	52.099	ng		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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